|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Classifier Type** | **Models** | ***n*** | **Sensitivity** | **FPR (%)** | **Precision** | **Specificity** | ***F*-score** | **Accuracy (%)** |
| **Ensemble** | AdaBoostM1 | 17 | 0.71±0.04 | 0.38±0.09 | 0.89±0.02 | 1 | 0.79±0.02 | 98.48±0.13 |
| (30 runs) | Bag (Random forest) | 4 | 0.58±0.05 | 0.27±0.1 | 0.9±0.04 | 1 | 0.71±0.04 | 98.08±0.26 |
|  | GentleBoost | 9 | 0.64±0.14 | 0.46±0.27 | 0.84±0.12 | 1 | 0.72±0.13 | 98.11±0.75 |
|  |  |  |  |  |  |  |  |  |
| **K‐Nearest Neighbors (KNN)** | Cityblock | 15 | 0.66±0.05 | 0.51±0.24 | 0.85±0.05 | 0.99 | 0.74±0.03 | 98.14±0.21 |
| (30 runs) | Cosine | 1 | 0.6 | 0.47 | 0.84 | 1 | 0.7 | 97.99 |
|  | Euclidean | 2 | 0.55±0.06 | 0.63±0.28 | 0.79±0.06 | 0.99 | 0.65±0.02 | 97.6±0.05 |
|  | Minkowski | 12 | 0.69±0.05 | 0.44±0.12 | 0.87±0.03 | 1 | 0.76±0.03 | 98.32±0.21 |
|  |  |  |  |  |  |  |  |  |
| **Decision tree:** | Deviance | 19 | 0.54±0.11 | 0.99±0.51 | 0.71±0.08 | 0.99±0.01 | 0.6±0.06 | 97.21±0.29 |
| (30 runs) | Gdi | 11 | 0.54±0.05 | 0.84±0.37 | 0.74±0.06 | 0.99 | 0.62±0.03 | 97.36±0.22 |
|  |  |  |  |  |  |  |  |  |
| **Support Vector Machine (SVM)** | Gaussian | 26 | 0.58±0.21 | 0.55±0.32 | 0.82±0.07 | 0.99 | 0.64±0.23 | 97.78±0.7 |
| (30 runs) | Linear | 2 | 0.52±0.01 | 0.72±0.16 | 0.75±0.04 | 0.99 | 0.61±0.01 | 97.41±0.14 |
|  | Polynomial | 2 | 0.66±0.02 | 1.76±0.56 | 0.61±0.07 | 0.98±0.01 | 0.63±0.03 | 96.93±0.45 |